

**THIS EVENT IS NOT FOR PUBLIC DISCLOSURE PER AGREEMENT STATE REQUEST
UNTIL 6/18/2003**

June 17, 2003

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-IV-03-031

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region IV staff on this date.

Facility

Hospital Day Surgery Center
dba The Surgical Center
Bryan, Texas
License No.: L02559
Texas Agreement State Licensee

Licensee Emergency Classification

☐ Notification of Unusual Event
☐ Alert
☐ Site Area Emergency
☐ General Emergency
☒ Not Applicable

SUBJECT: MEDICAL THERAPY EVENTS

DESCRIPTION: On June 13, 2003, the Texas Department of Health, Bureau of Radiation Control (the Bureau) notified NRC's Operations Center of five medical therapy events involving strontium-90 (Sr-90).

During a routine inspection at Hospital Day Surgery Center, dba The Surgical Center, a Texas licensee, a Bureau inspector identified five therapy events involving a strontium-90 eye applicator. The Bureau reported that the events occurred as a result of an apparent incorrect decay calculation of the Sr-90 source. Based upon the incorrect calculation, the dose delivered to the patients was less than the prescribed dose by more than 20 percent. Utilization logs indicated that there may be additional therapy events to be investigated.

Region IV received notification of this occurrence from NRC's Operations Center on June 13, 2003. Region IV has informed NMSS, OEDO, STP, and Region IV's PAO and SLO.

This information has been discussed with the State and is current as of 10:30 a.m. (CDT) on June 16, 2003.

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